

# TRUPOSIST<sup>®</sup> S-DN

## hydrophobing agent

Basis:	polymer based hydrophobic fatliquor
Appearance:	pale coloured liquid
Charge:	anionic
pH value(1 : 10):	ca. 7.5
Acid stability:	medium
Salt stability:	good
Light fastness:	excellent
Heat yellowing:	excellent

### Properties:

**TRUPOSIST S-DN** is a polymer-based hydrophobic fatliquor designed for use in the production of "DIN type" water resistant leathers requiring a certain degree of stand and spring.

The use of **TRUPOSIST S-DN** facilitates leathers to be produced of medium softness with a full round handle with good dynamic water resistance.

**TRUPOSIST S-DN** exhibits sufficient stability to salts and weakly acidic conditions to allow its use at various stages of processing without the danger of surface deposition or greasiness, thus making it ideally suited to the production of high quality full grain and nubuck leathers, however, in order to optimise performance characteristics, it is recommended that a through neutralisation of the leather is carried out to a pH of approx. 4.8 – 5.0.

### Application:

**TRUPOSIST S-DN** can be used alone either in the main fatliquoring bath or proportionally at other stages such as neutralisation or retanning. Quantities to be used will be dependent upon the softness and degree of water resistance required, but will normally lie between 6 - 10 % based upon shaved weight.

**TRUPOSIST S-DN** should be added to the drum in pre-emulsified form, process temperatures

between 45 - 55 °C and running times of between 60 - 120 minutes. will normally suffice to afford even penetration and good exhaustion, acidification of the fatliquoring bath to pH 3.6 - 3.8 with additions of diluted formic acid will assist in fixation and preparation of the leather for after treatment with a suitable mineral tanning material such as 33 % basic chrome powder. In order to enhance water resistance properties and negate grain pebbling and the danger of reduced area yield it is recommended that **TRUPOFIX® WP**. be utilized together with the mineral capping material at a level of approximately 0.3 – 0.4 % together with 3.0 – 4.0 % chrome.

For further details concerning water resistant leather we suggest reference be made to the section ,**HYDROPHOBIC FATLIQUORS AND AUXILIARIES**' contained in our catalogue.

### **Safety and storage:**

When handling **TRUPOSIST S-DN** normal safety precautions associated with the handling of chemicals should be observed. For more specific details please refer to our safety data sheets.

**TRUPOSIST S-DN** can be stored for up to 18 months, if temperatures below 5 °C and above 40 °C can be avoided.

**TRUPOSIST S-DN** is supplied as a pale coloured liquid; at low temperatures the product will become more viscous and considerably more opaque in nature. On prolonged storage **TRUPOSIST S-DN** may show some degree of settlement which can be rectified by either warming and/or stirring the product thoroughly before use.